Service Schematics

NOKIA 6263

Introduction

RM-207

IMPORTANT:

This document is intended for use by authorized NOKIA service centers only.



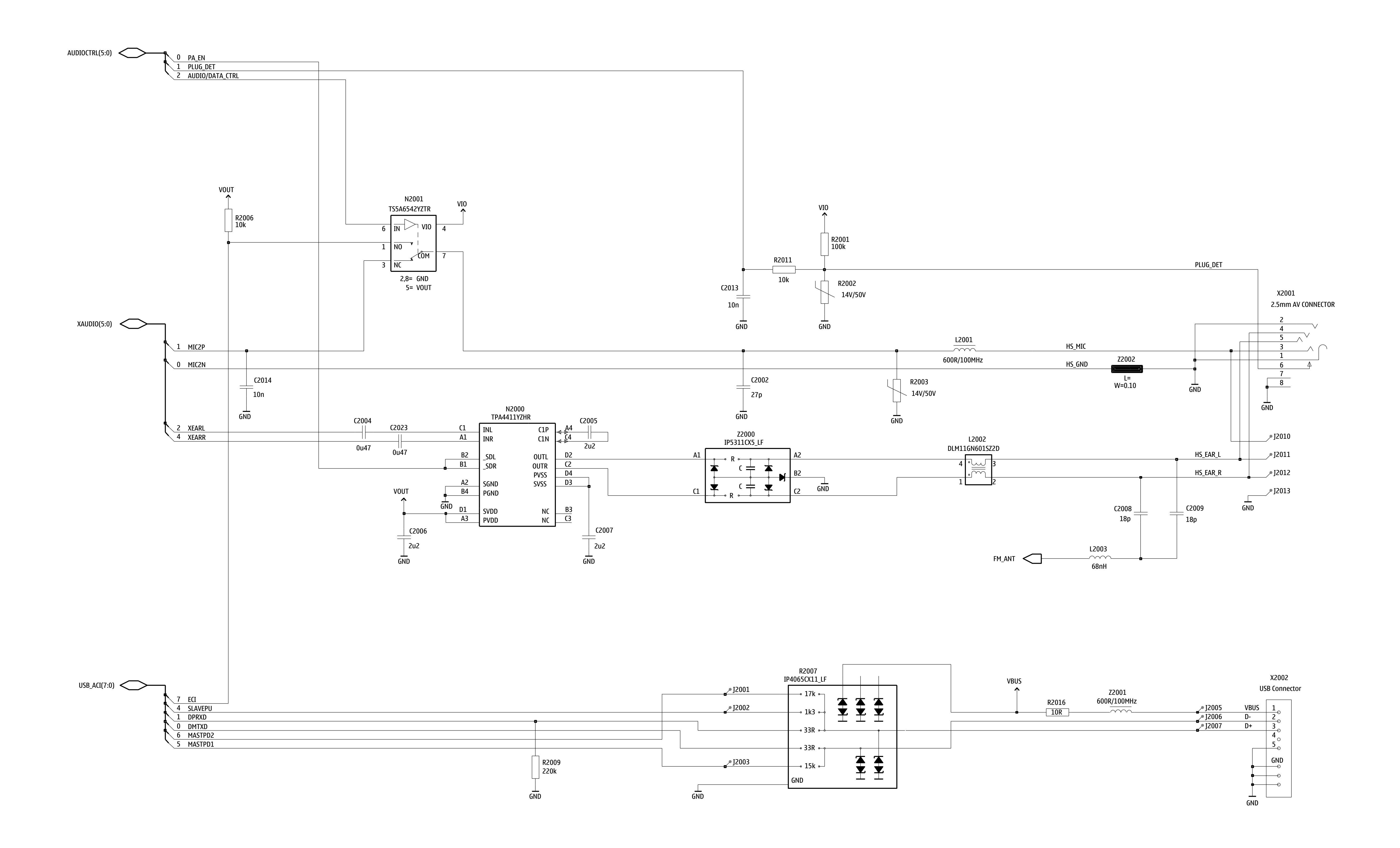
"Service Schematics" was created with focus on customer care.
The purpose of this document is to provide further technical repair information for NOKIA mobile phones on Level 3/4 service activities.
It contains additional information such as e.g. "Component finder".

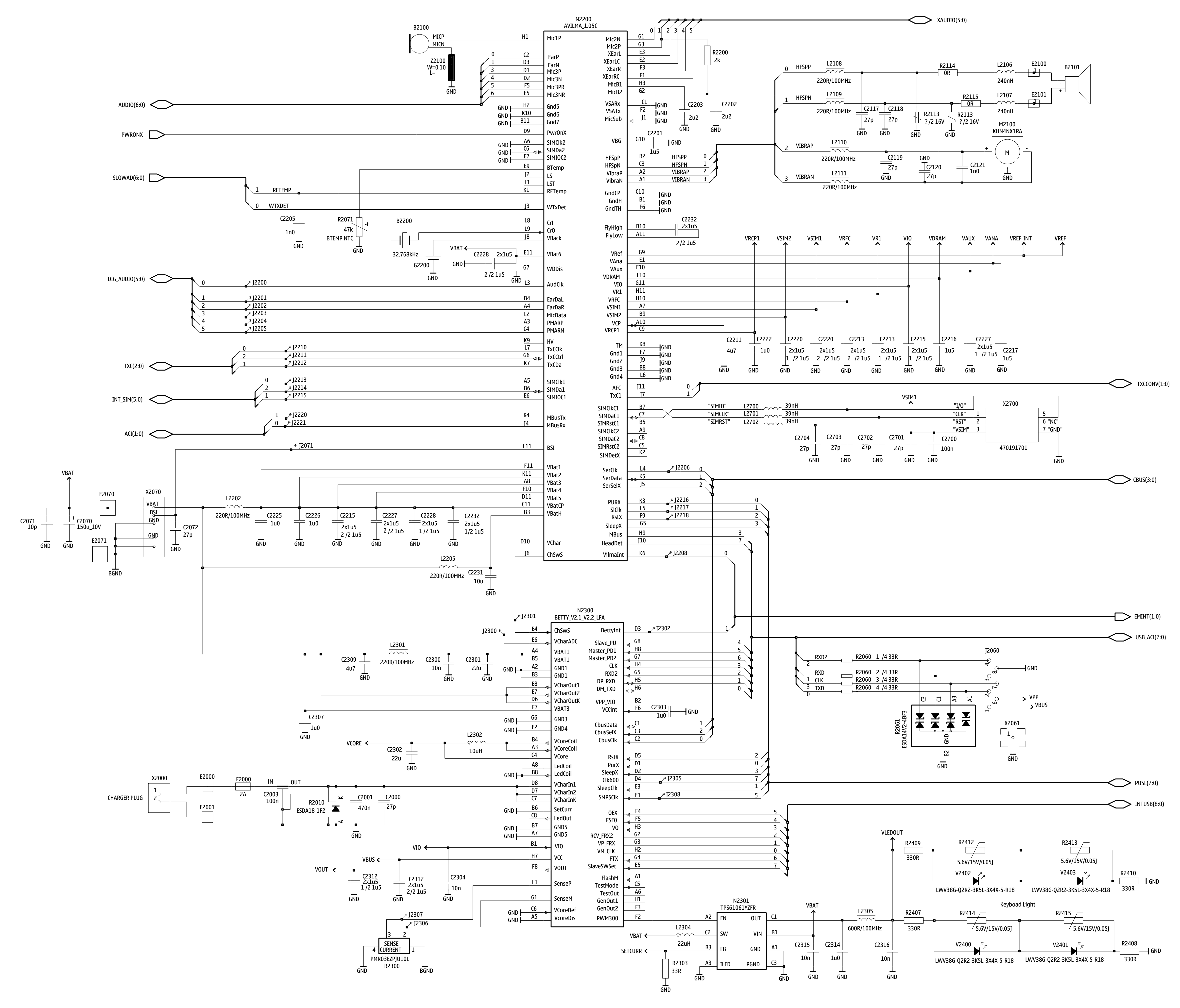
Saving process time and improving the repair quality is the aim of this document.
It is to be used additionally to the service manual and other training or service information such as Service Bulletins.

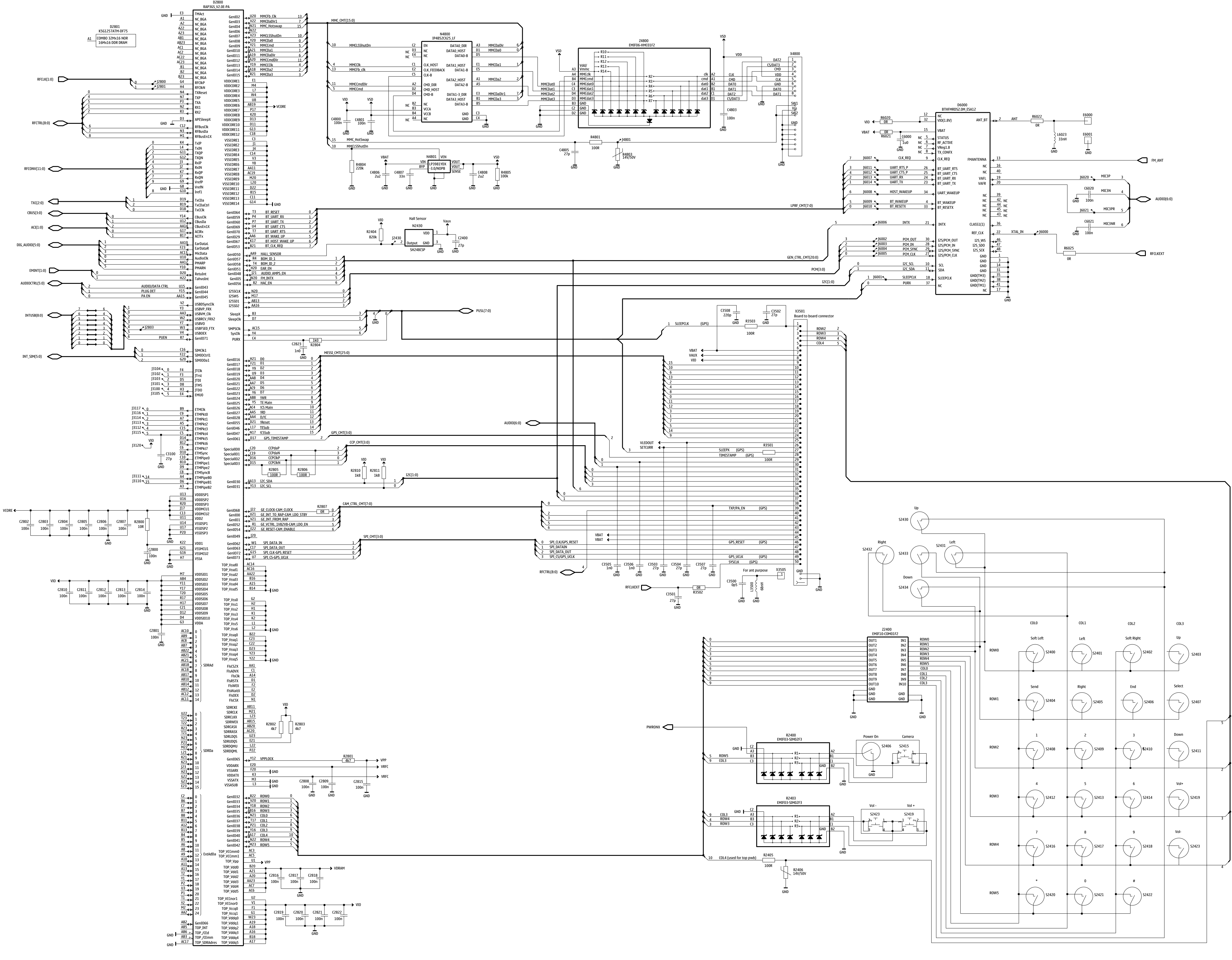
While every endeavour has been made to ensure the accuracy of this document, some errors may exist. If the reader finds any errors, NOKIA shall be notified in writing.

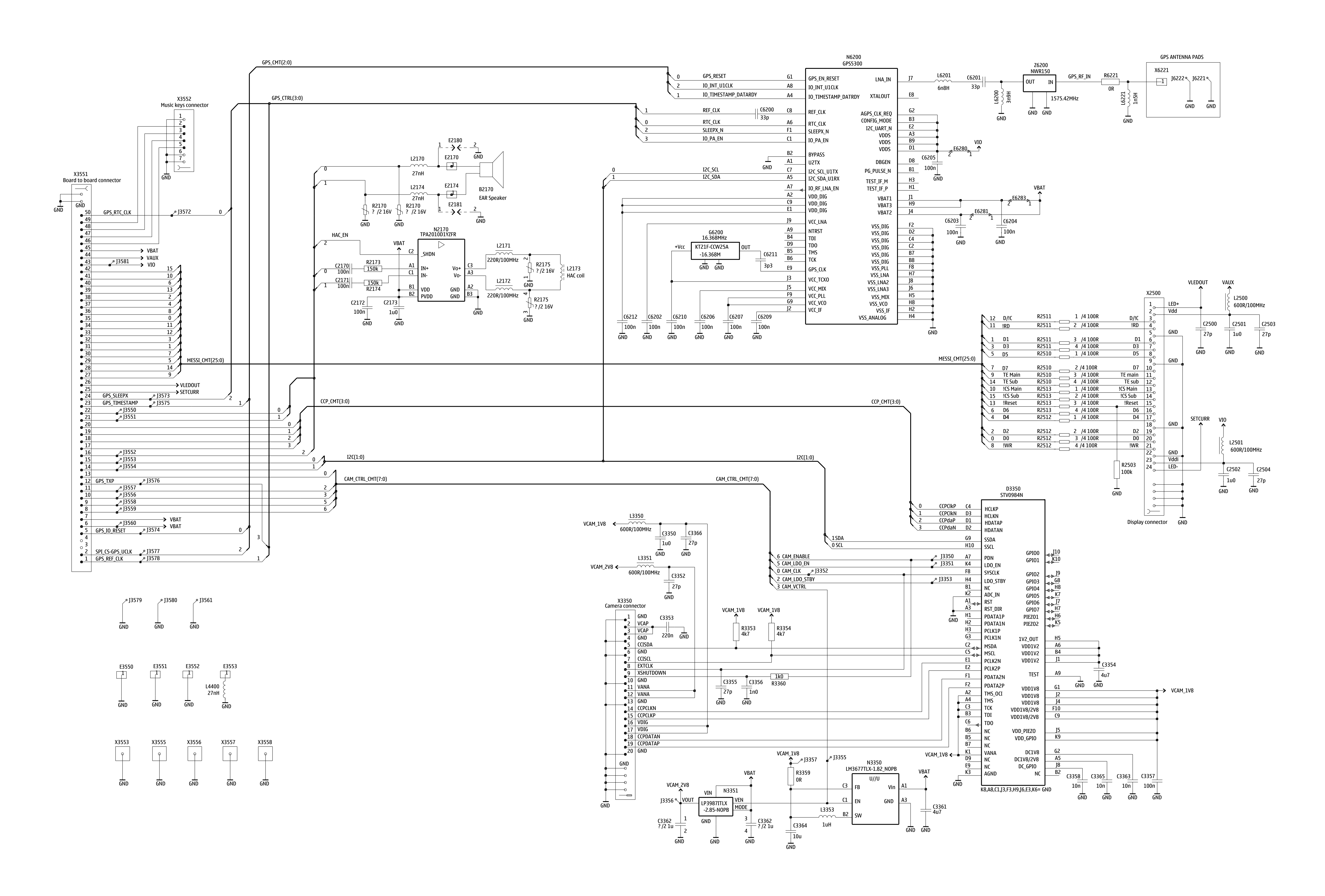
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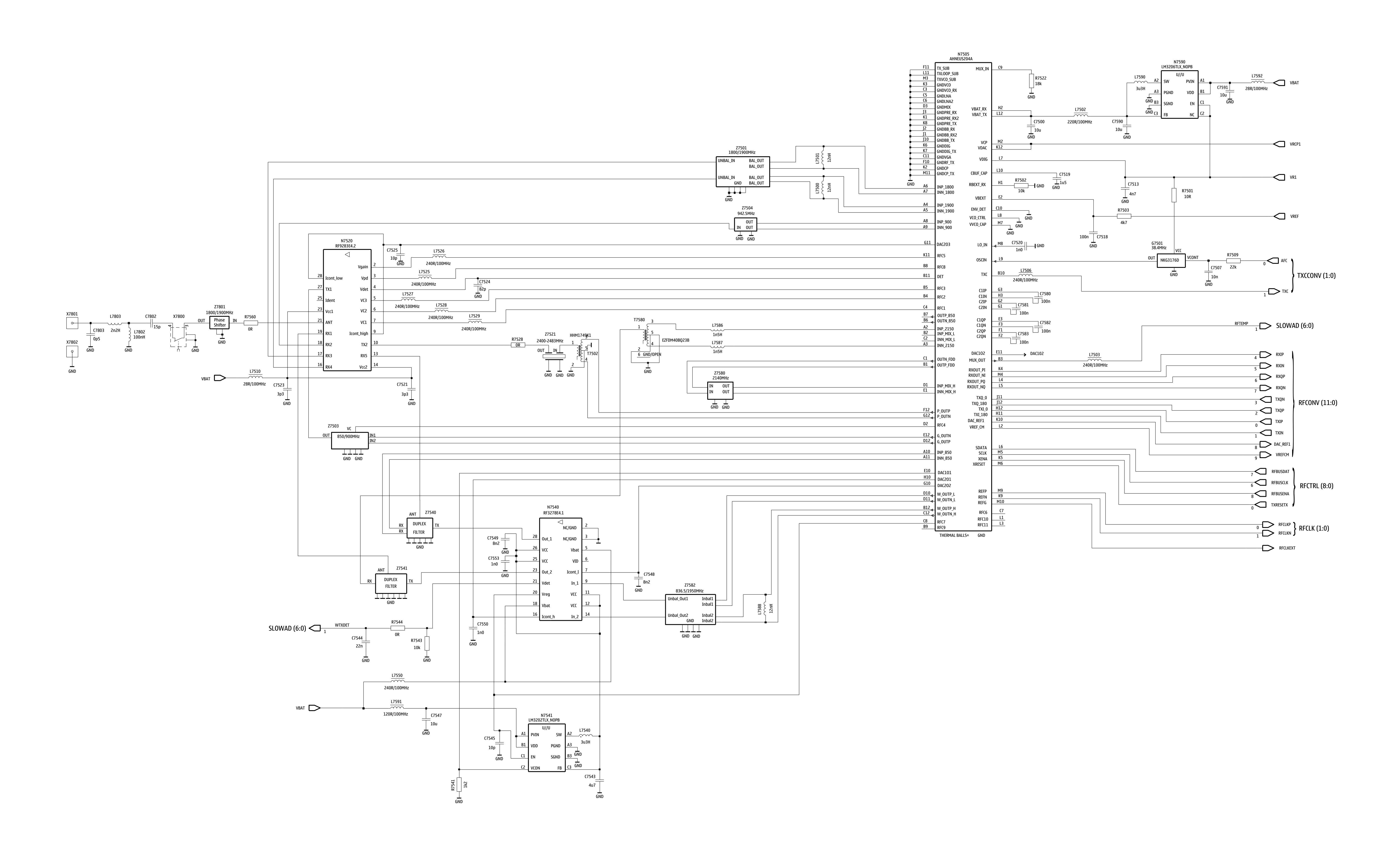

AUDIOCTRL(5:0)
0 PA_EN
1 PLUG_DET
2 AUDIO/DATA_CTRL
VOUT
R2006
10k
N2001
TS5A6542YZTR
VIO
IN
NO
NC
COM
2,8= GND
5= VOUT
R2011
10k
R2001
100k
R2002
14V/50V
C2013
10n
GND
PLUG_DET
X2001
2.5mm AV CONNECTOR
XAUDIO(5:0)
1 MIC2P
0 MIC2N
C2014
10n
L2001
600R/100MHz
HS_MIC
HS_GND
Z2002
L=
W=0.10
C2002
27p
R2003
14V/50V
2 XEARL
4 XEARR
C2004
0u47
C2023
0u47
N2000
TPA4411YZHR
INL
INR
_SDL
_SDR
SGND
PGND
SVDD
PVDD
C1P
C1N
OUTL
OUTR
PVSS
SVSS
NC
C2005
2u2
C2006
2u2
C2007
2u2
Z2000
IP5311CX5_LF
L2002
DLM11GN601SZ2D
HS_EAR_L
HS_EAR_R
J2010
J2011
J2012
J2013
C2008
18p
C2009
18p
L2003
68nH
FM_ANT
USB_ACI(7:0)
7 ECI
4 SLAVEPU
1 DPRXD
0 DMTXD
6 MASTPD2
5 MASTPD1
R2009
220k
R2007
IP4065CX11_LF
J2001
J2002
J2003
17k
1k3
33R
33R
15k
VBUS
R2016
10R
Z2001
600R/100MHz
J2005
J2006
J2007
VBUS
D-
D+
X2002
USB Connector



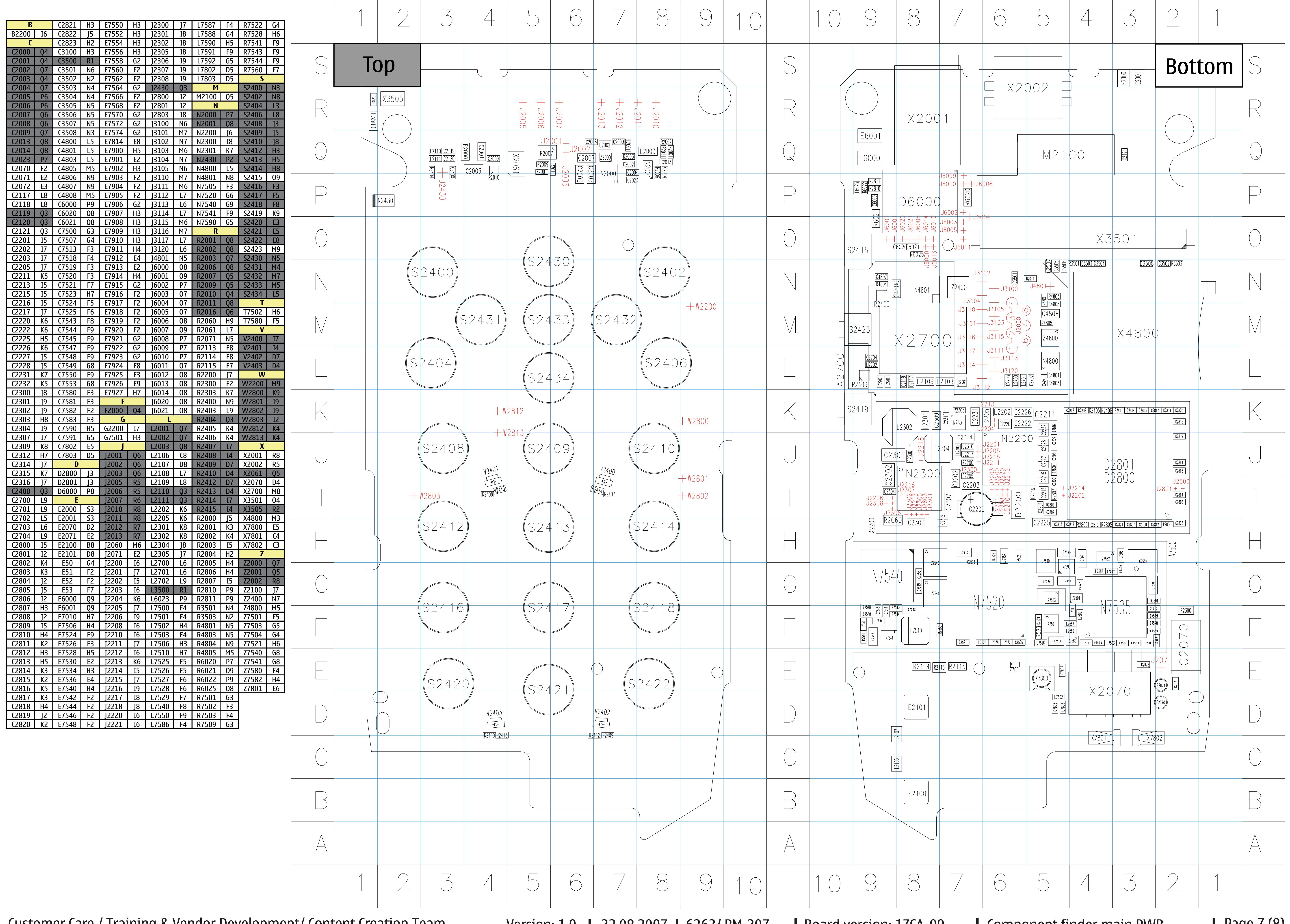


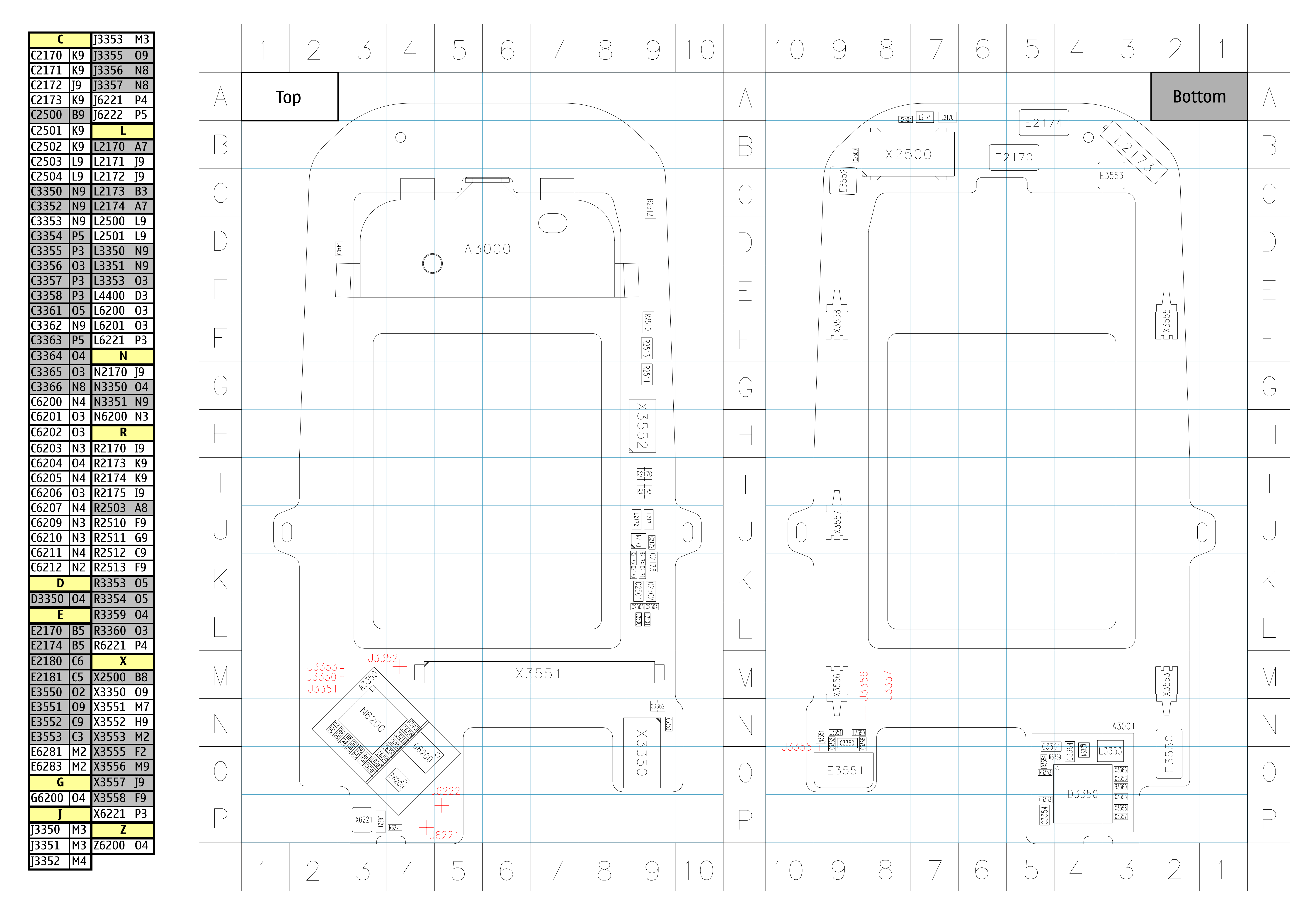


N6200
GPS5300
GPS_CMT(2:0)
GPS_CTRL(3:0)
GPS_EN_RESET
IO_INT_U1CLK
IO_TIMESTAMP_DATARDY
REF_CLK
RTC_CLK
SLEEPX_N
IO_PA_EN
I2C_SCL
I2C_SDA
LNA_IN
XTALOUT
L6201
6n8H
C6201
33p
Z6200
NWR150
GPS_RF_IN
R6221
0R
1575.42MHz
GPS ANTENNA PADS
X6221
J6222
J6221
G6200
16.368MHz
KT21F-CCW25A
-16.368M
X3552
Music keys connector
X3551
Board to board connector
N2170
TPA2010D1YZFR
B2170
EAR Speaker
L2173
HAC coil
HAC_EN
MESSI_CMT(25:0)
CCP_CMT(3:0)
I2C(1:0)
CAM_CTRL_CMT(7:0)
X2500
Display connector
VLEDOUT
VAUX
SETCURR
VIO
VBAT
L2500
600R/100MHz
L2501
600R/100MHz
D3350
STV0984N
K8,A8,C1,J3,F3,H9,J6,E3,K6= GND
X3350
Camera connector
VCAM_1V8
VCAM_2V8
L3350
600R/100MHz
L3351
600R/100MHz
N3350
LM3677TLX-1.82_NOPB
N3351
LP3987ITLX
-2.85-NOPB
L3353
1uH
L4400
27nH



B		C2821	H3	E7550	H3	J2300	J7	L7587	F4	R7522	G4
B2200	I6	C2822	J5	E7552	H3	J2301	I8	L7588	G4	R7528	H6
C		C2823	H2	E7554	H3	J2302	I8	L7590	H5	R7541	F9
C2000	Q4	C3100	H3	E7556	H3	J2305	I8	L7591	F9	R7543	F9
C2001	Q4	C3500	R1	E7558	G2	J2306	I9	L7592	G5	R7544	F9
C2002	Q7	C3501	N6	E7560	F2	J2307	I9	L7802	D5	R7560	F7
C2003	Q4	C3502	N2	E7562	F2	J2308	I9	L7803	D5	S	
C2004	Q7	C3503	N4	E7564	G2	J2430	Q3	M		S2400	N3
C2005	P6	C3504	N4	E7566	F2	J2800	I2	M2100	Q5	S2402	N8
C2006	P6	C3505	N5	E7568	F2	J2801	I2	N		S2404	L3
C2007	Q6	C3506	N5	E7570	G2	J2803	I8	N2000	P7	S2406	L8
C2008	Q6	C3507	N5	E7572	G2	J3100	N6	N2001	Q8	S2408	J3
C2009	Q7	C3508	N3	E7574	G2	J3101	M7	N2200	J6	S2409	J5
C2013	Q8	C4800	L5	E7814	E8	J3102	N7	N2300	I8	S2410	J8
C2014	Q8	C4801	L5	E7900	H5	J3103	M6	N2301	K7	S2412	H3
C2023	P7	C4803	L5	E7901	E2	J3104	N7	N2430	P2	S2413	H5
C2070	F2	C4805	M5	E7902	H3	J3105	N6	N4800	L5	S2414	H8
C2071	E2	C4806	N9	E7903	F2	J3110	M7	N4801	N8	S2415	O9
C2072	E3	C4807	N9	E7904	F2	J3111	M6	N7505	F3	S2416	F3
C2117	L8	C4808	M5	E7905	F2	J3112	L7	N7520	G6	S2417	F5
C2118	L8	C6000	P9	E7906	G2	J3113	L6	N7540	G9	S2418	F8
C2119	Q3	C6020	O8	E7907	H3	J3114	L7	N7541	F9	S2419	K9
C2120	Q3	C6021	O8	E7908	H3	J3115	M6	N7590	G5	S2420	E3
C2121	Q3	C7500	G3	E7909	H3	J3116	M7	R		S2421	E5
C2201	I5	C7507	G4	E7910	H3	J3117	L7	R2001	Q8	S2422	E8
C2202	I7	C7513	F3	E7911	H4	J3120	L6	R2002	Q8	S2423	M9
C2203	I7	C7518	F4	E7912	E4	J4801	N5	R2003	Q7	S2430	N5
C2205	J7	C7519	F3	E7913	E2	J6000	O8	R2006	Q8	S2431	M4
C2211	K5	C7520	F3	E7914	H4	J6001	O9	R2007	Q5	S2432	M7
C2213	I5	C7521	F7	E7915	G2	J6002	P7	R2009	Q5	S2433	M5
C2215	I5	C7523	H7	E7916	F2	J6003	O7	R2010	Q4	S2434	L5
C2216	I5	C7524	F5	E7917	F2	J6004	O7	R2011	Q8	T	
C2217	J7	C7525	F6	E7918	F2	J6005	O7	R2016	Q6	T7502	H6
C2220	K6	C7543	F8	E7919	F2	J6006	O8	R2060	H9	T7580	F5
C2222	K6	C7544	F9	E7920	F2	J6007	O9	R2061	L7	V	
C2225	H5	C7545	F9	E7921	G2	J6008	P7	R2071	N5	V2400	I7
C2226	K6	C7547	F9	E7922	G2	J6009	P7	R2113	E8	V2401	I4
C2227	J5	C7548	F9	E7923	G2	J6010	P7	R2114	E8	V2402	D7
C2228	J5	C7549	G8	E7924	E8	J6011	O7	R2115	E7	V2403	D4
C2231	K7	C7550	F9	E7925	E3	J6012	O8	R2200	J7	W	
C2232	K5	C7553	G8	E7926	E9	J6013	O8	R2300	F2	W2200	M9
C2300	J8	C7580	F3	E7927	H7	J6014	O8	R2303	K7	W2800	K9
C2301	J9	C7581	F3	F		J6020	O8	R2400	N9	W2801	I9
C2302	J9	C7582	F2	F2000	Q4	J6021	O8	R2403	L9	W2802	I9
C2303	H8	C7583	F3	G		L		R2404	Q3	W2803	I2
C2304	I9	C7590	H5	G2200	I7	L2001	Q7	R2405	K4	W2812	K4
C2307	I7	C7591	G5	G7501	H3	L2002	Q7	R2406	K4	W2813	K4
C2309	K8	C7802	E5	J		L2003	Q8	R2407	I7	X	
C2312	H7	C7803	D5	J2001	Q6	L2106	C8	R2408	I4	X2001	R8
C2314	J7	D		J2002	Q6	L2107	D8	R2409	D7	X2002	R5
C2315	K7	D2800	J3	J2003	Q6	L2108	L7	R2410	D4	X2061	Q5
C2316	J7	D2801	J3	J2005	R5	L2109	L8	R2412	D7	X2070	D4
C2400	Q3	D6000	P8	J2006	R5	L2110	Q3	R2413	D4	X2700	M8
C2700	L9	E		J2007	R6	L2111	Q3	R2414	I7	X3501	O4
C2701	L9	E2000	S3	J2010	R8	L2202	K6	R2415	I4	X3505	R2
C2702	L5	E2001	S3	J2011	R8	L2205	K6	R2800	J5	X4800	M3
C2703	L6	E2070	D2	J2012	R7	L2301	K8	R2801	K3	X7800	E5
C2704	L9	E2071	E2	J2013	R7	L2302	K8	R2802	K4	X7801	C4
C2800	I5	E2100	B8	J2060	M6	L2304	J8	R2803	I5	X7802	C3
C2801	I2	E2101	D8	J2071	E2	L2305	J7	R2804	H2	Z	
C2802	K4	E50	G4	J2200	I6	L2700	L6	R2805	H4	Z2000	Q7
C2803	K3	E51	F2	J2201	J7	L2701	L6	R2806	H4	Z2001	Q5
C2804	J2	E52	F2	J2202	I5	L2702	L9	R2807	I5	Z2002	R8
C2805	J5	E53	F7	J2203	I6	L3500	R1	R2810	P9	Z2100	J7
C2806	I2	E6000	Q9	J2204	K6	L6023	P9	R2811	P9	Z2400	N7
C2807	H3	E6001	Q9	J2205	J7	L7500	F4	R3501	N4	Z4800	M5
C2808	J2	E7010	H7	J2206	I9	L7501	F4	R3503	N2	Z7501	F5
C2809	I5	E7506	H4	J2208	I6	L7502	H4	R4801	N5	Z7503	G5
C2810	H4	E7524	E9	J2210	I6	L7503	F4	R4803	N5	Z7504	G4
C2811	K2	E7526	E3	J2211	J7	L7506	H3	R4804	N9	Z7521	H6
C2812	H3	E7528	H5	J2212	I6	L7510	H7	R4805	M5	Z7540	G8
C2813	H5	E7530	E2	J2213	K6	L7525	F5	R6020	P7	Z7541	G8
C2814	K3	E7534	H3	J2214	I5	L7526	F5	R6021	O9	Z7580	F4
C2815	K2	E7536	E4	J2215	J7	L7527	F6	R6022	P9	Z7582	H4
C2816	K5	E7540	H4	J2216	I9	L7528	F6	R6025	O8	Z7801	E6
C2817	K3	E7542	F2	J2217	I8	L7529	F7	R7501	G3		
C2818	H4	E7544	F2	J2218	J8	L7540	F8	R7502	F3		
C2819	J2	E7546	F2	J2220	I6	L7550	F9	R7503	F4		
C2820	K2	E7548	F2	J2221	I6	L7586	F4	R7509	G3		





Component	Location
C	
C2170	K9
C2171	K9
C2172	J9
C2173	K9
C2500	B9
C2501	K9
C2502	K9
C2503	L9
C2504	L9
C3350	N9
C3352	N9
C3353	N9
C3354	P5
C3355	P3
C3356	O3
C3357	P3
C3358	P3
C3361	O5
C3362	N9
C3363	P5
C3364	O4
C3365	O3
C3366	N8
C6200	N4
C6201	O3
C6202	O3
C6203	N3
C6204	O4
C6205	N4
C6206	O3
C6207	N4
C6209	N3
C6210	N3
C6211	N4
C6212	N2
D	
D3350	O4
E	
E2170	B5
E2174	B5
E2180	C6
E2181	C5
E3550	O2
E3551	O9
E3552	C9
E3553	C3
E6281	M2
E6283	M2
G	
G6200	O4
J	
J3350	M3
J3351	M3
J3352	M4
J3353	M3
J3355	O9
J3356	N8
J3357	N8
J6221	P4
J6222	P5
L	
L2170	A7
L2171	J9
L2172	J9
L2173	B3
L2174	A7
L2500	L9
L2501	L9
L3350	N9
L3351	N9
L3353	O3
L4400	D3
L6200	O3
L6201	O3
L6221	P3
N	
N2170	J9
N3350	O4
N3351	N9
N6200	N3
R	
R2170	I9
R2173	K9
R2174	K9
R2175	I9
R2503	A8
R2510	F9
R2511	G9
R2512	C9
R2513	F9
R3353	O5
R3354	O5
R3359	O4
R3360	O3
R6221	P4
X	
X2500	B8
X3350	O9
X3551	M7
X3552	H9
X3553	M2
X3555	F2
X3556	M9
X3557	J9
X3558	F9
X6221	P3
Z	
Z6200	O4